

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H01L29/78 H01L29/10 H01L29/06  
//H01L29/786

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>APEL U ET AL: "A 100-V LATERAL DMOS TRANSISTOR WITH A 0.3-MICROMETER CHANNEL IN A 1-MICROMETER SILICON-FILM-ON-INSULATOR-ON-SILICON" IEEE TRANSACTIONS ON ELECTRON DEVICES, vol. 38, no. 7, July 1991 (1991-07), pages 1655-1659, XP000206664 IEEE, NEW YORK, NY, USA ISSN: 0018-9383 paragraph bridging pages 1655 and 1656; figure 1</p> <p>-----</p>	1-14

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- °A° document defining the general state of the art which is not considered to be of particular relevance
- °E° earlier document but published on or after the international filing date
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- °O° document referring to an oral disclosure, use, exhibition or other means
- °P° document published prior to the international filing date but later than the priority date claimed

- °T° later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- °X° document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- °Y° document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- °&° document member of the same patent family

Date of the actual completion of the international search  14 September 2004	Date of mailing of the international search report  24/09/2004
Name and mailing address of the ISA  European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer  Morvan, D